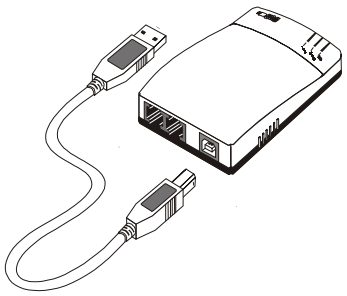
UCM560

USB V.90 56K Fax/Modem

INTRODUCTION

The explosive growth of the Internet has fueled the appetite for information superhighway demand. UCM560, the new generation Fax/Modem enables Internet connections at incredible rates up to 56K bps over regular telephone lines. The 56K ready operation provides Internet and on-line connections at ISDN-like speed which is almost twice the speed of standard V.34 modems. UCM560 physically bridges the gap between current analog transmission and full digital communication, like ISDN, without requiring the added investments.



FEATURES

- Fully compliant with Universal Serial Bus specification 1.0.
- PCMCIA-like portable size design for both desktop PC and mobile (laptop) users.
- V.90, K56Flex 56K bps dual mode support.
- Feature low power consumption and automatic sleep mode.
- Data and fax application software for Windows included.
- LED indicators: Ready, Tx/Rx, On-line.
- Windows 98, Windows 95/OSR2, Windows 2000 and ME compatible
- Telephone Answering Machine (TAM) function support (optional)

SPECIFICATIONS

Modem Standards

Operating Protocol

- V.90 (down-stream up to 56,000 bps)
- K56flex (down-stream up to 56,000 bps)
- V.34bis (up to 33,600 bps)
- V.34 (28,800 to 2,400 bps)
- V.32bis (14,400/12,000/9,600/7,200 bps)
- V.32 (9,600/4,800 bps)
- V.22bis (2,400 bps)
- V.23 (1,200 TX/75 RX bps)
- V.22/Bell 212A (1,200 bps)
- V.21/Bell 103 (300 bps)

Error Correction Protocol

- V.42 and MNP Class 2 to 4

Data Compression Protocol

- V.42bis and MNP Class 5

Fax Compatibility

- EIA Class 1 fax commands
- Group 3 send and receive
- ITU-T V.17 up to 14,400 bps
- ITU-T V.29 up to 9,600 bps
- ITU-T V.27ter up to 4,800 bps
- ITU-T V.21 Channel 2 up to 300 bps

Dialing Capability

- DTMF tone and rotary pulse

Operating Modes

- Asynchronous full duplex
- Manual/Automatic answer

Flow Control

- Hardware CTS/RTS
- Software XON/XOFF

Receive Sensitivity

- -40 dBn

Transmit Level

- Permissive -10 (+ / - 1) dBm

Line Interface

- RJ-11, 2-wire dial-up

Diagnostic

- Power-up self-test
- Local analog loopback test
- Local digital loopback test

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- Remote digital loopback test

Software Control Interface

- Hayes compatible AT command set

Call Progress Monitoring

- Dial tone, busy tone and ring-back detection

Typical Power Consumption

- Operation: 500 mW

Dimension

- Comply with USB specification 1.0.

96mm (Length) X 62mm (Width) X 20mm (Height)

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